

FIG. 1



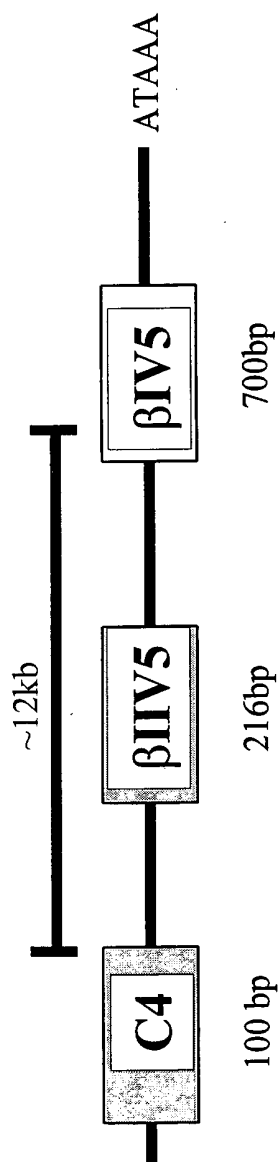


FIG. 3A

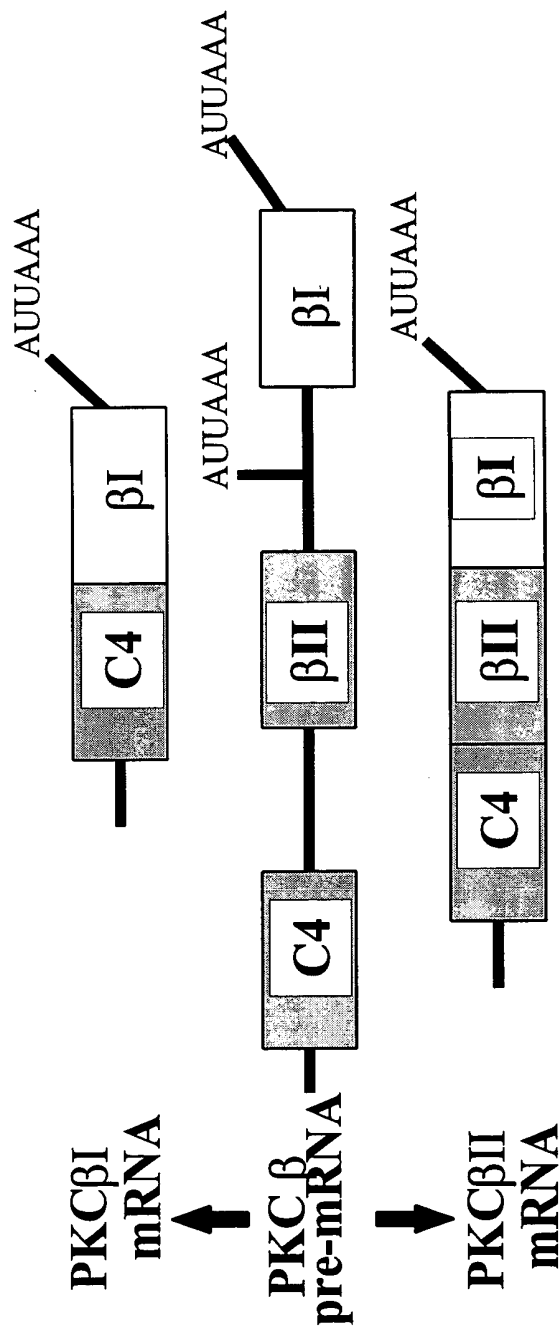


FIG. 3B

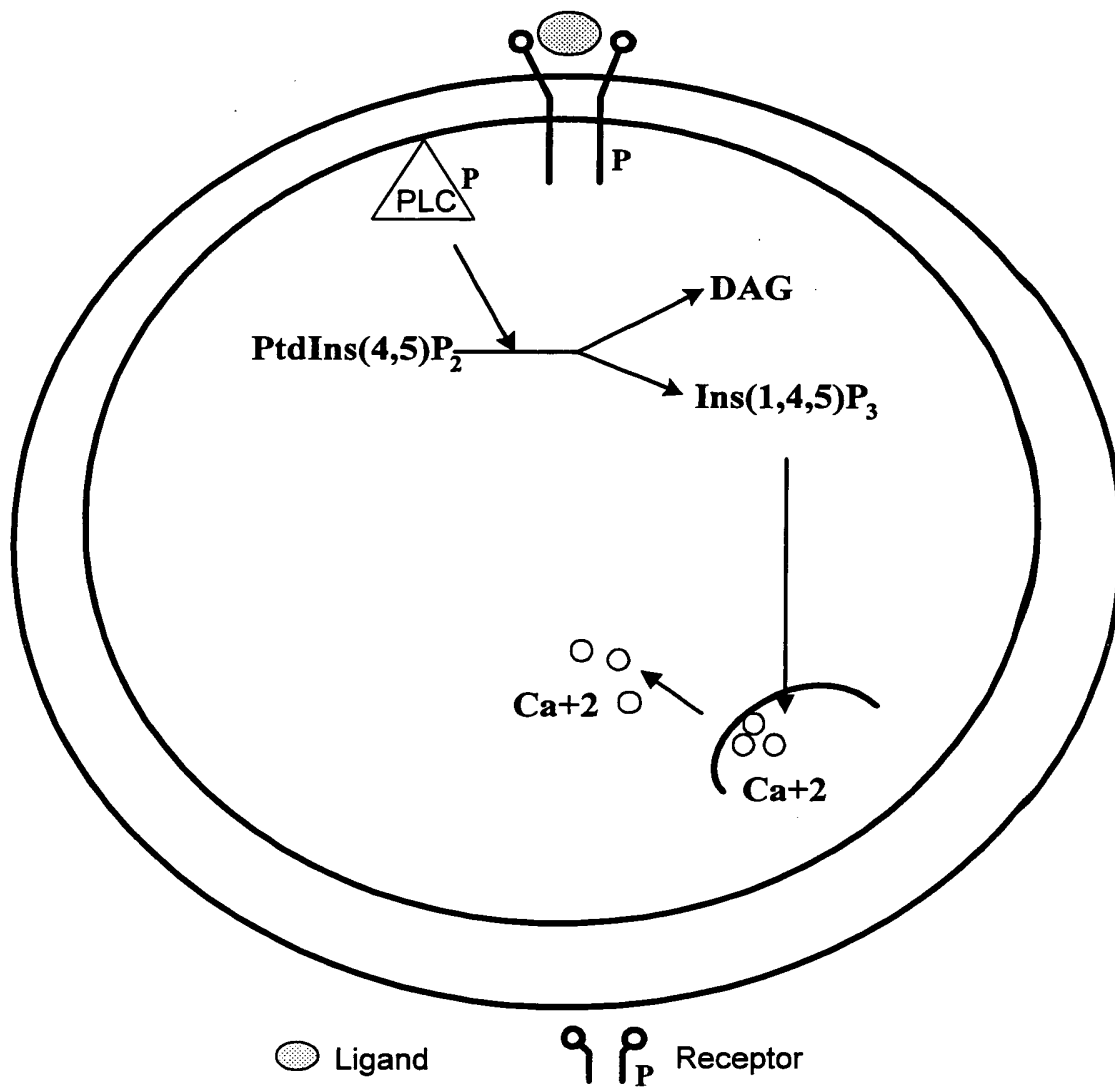


FIG. 5

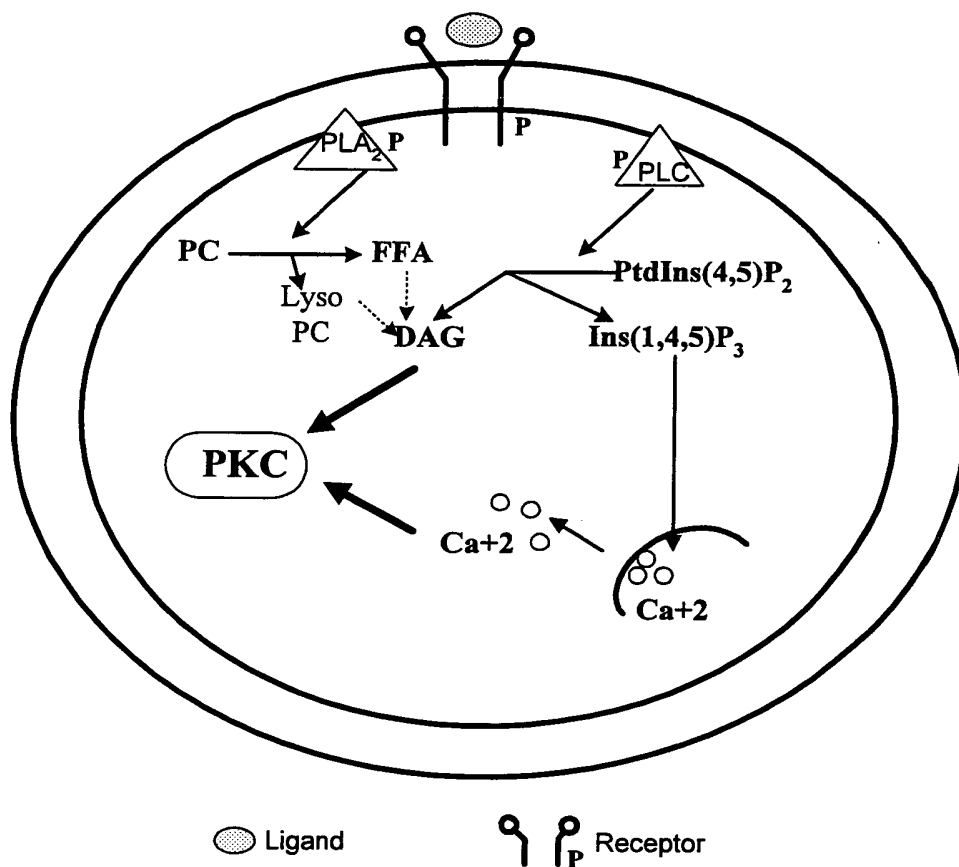


FIG. 6

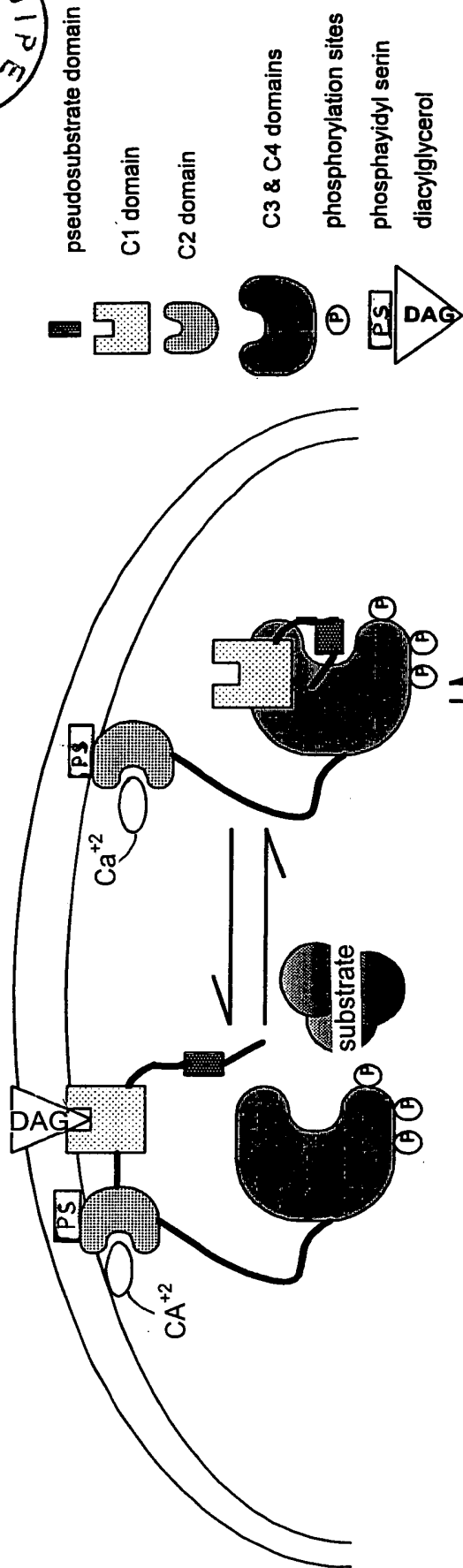
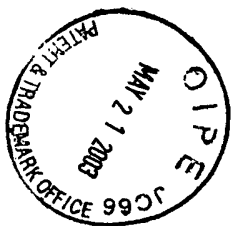


FIG. 7

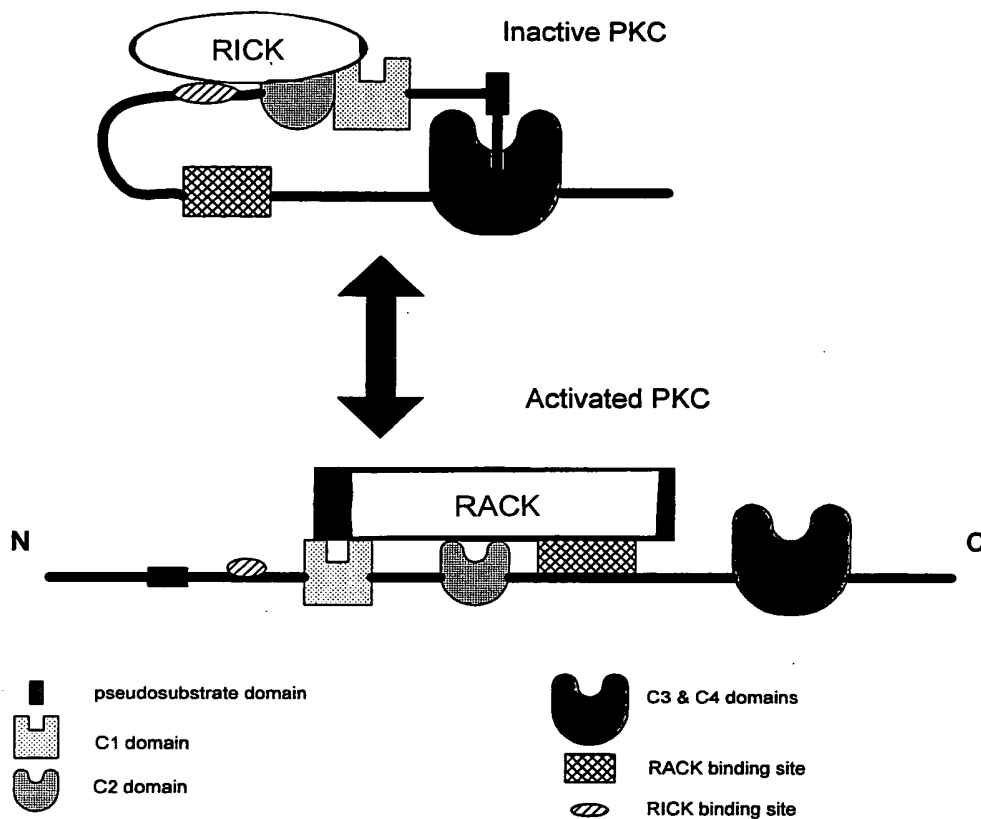
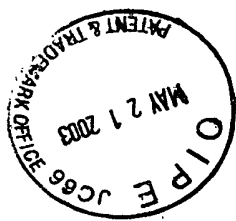


FIG. 8

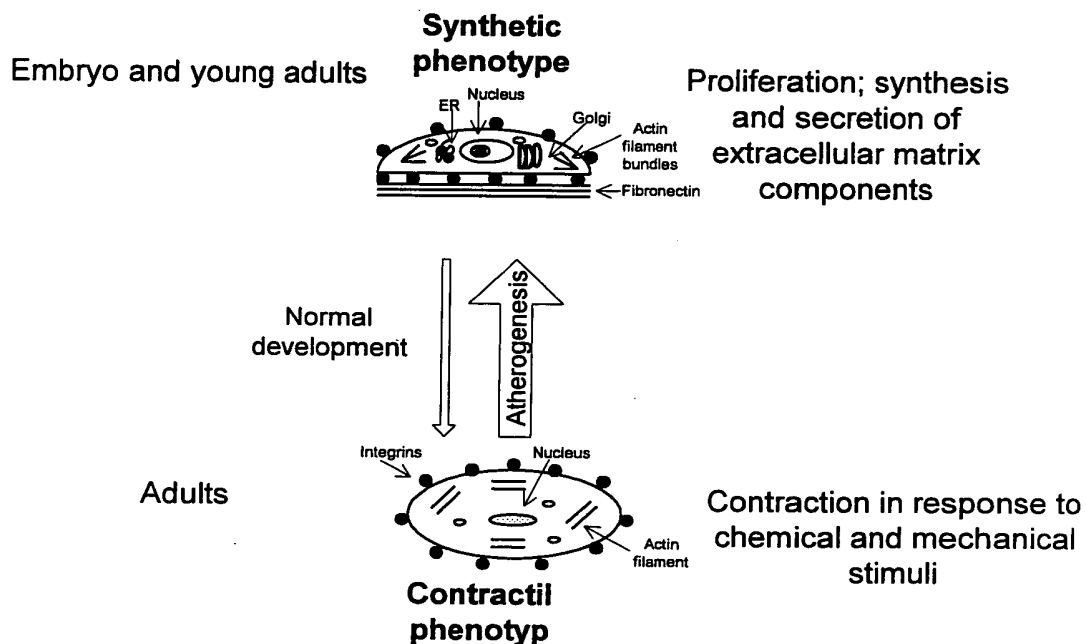


FIG. 9

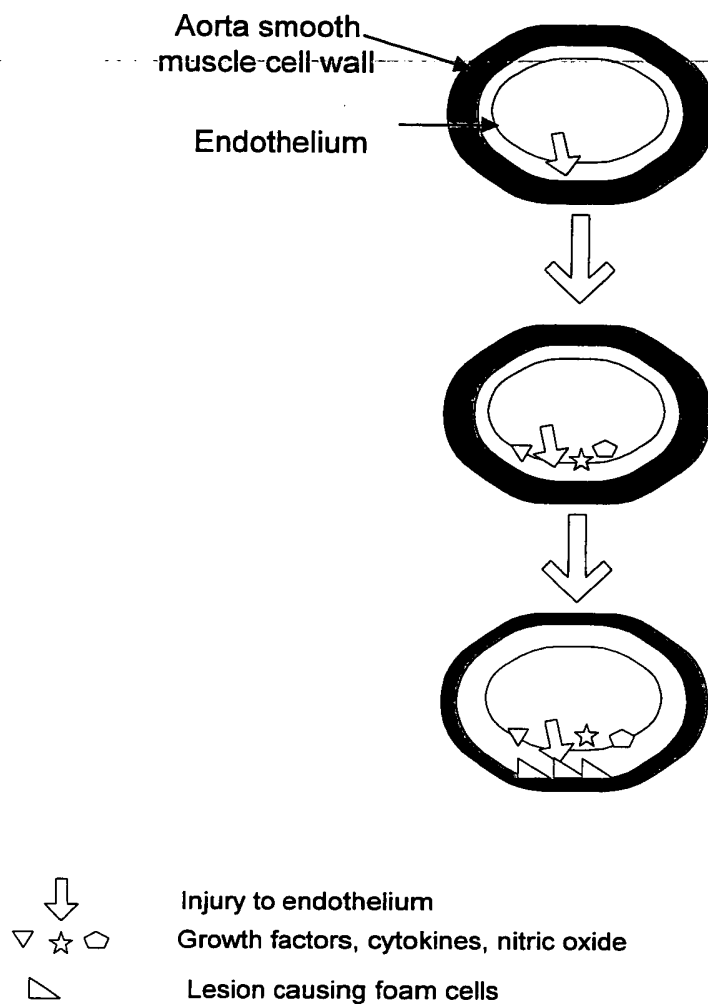
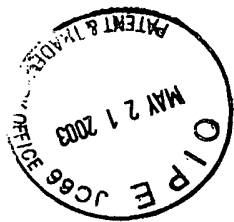


FIG. 10

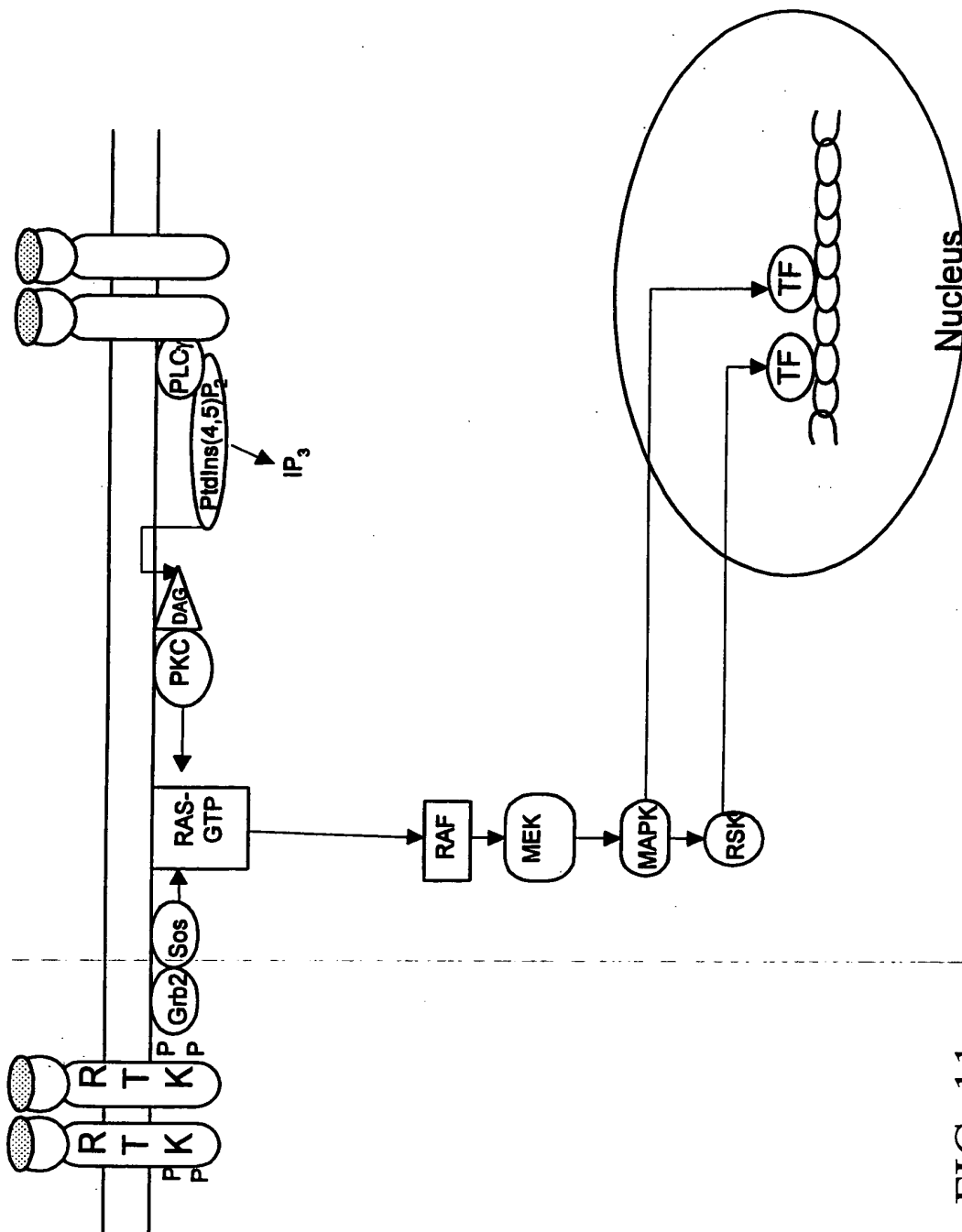


FIG. 11

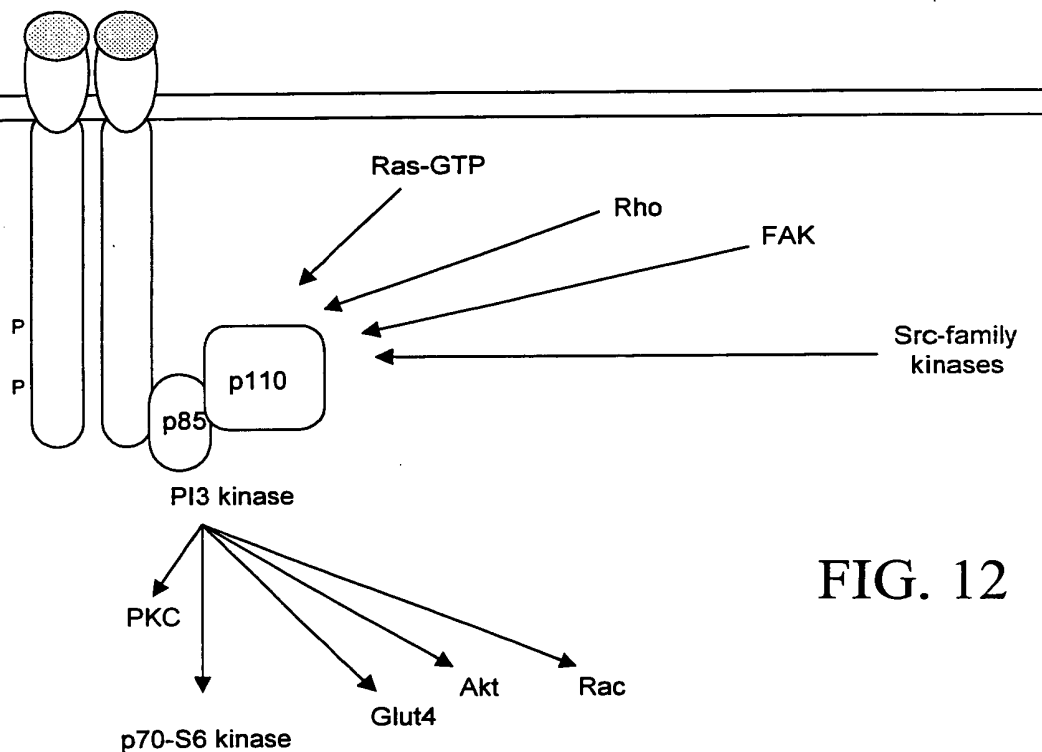


FIG. 12

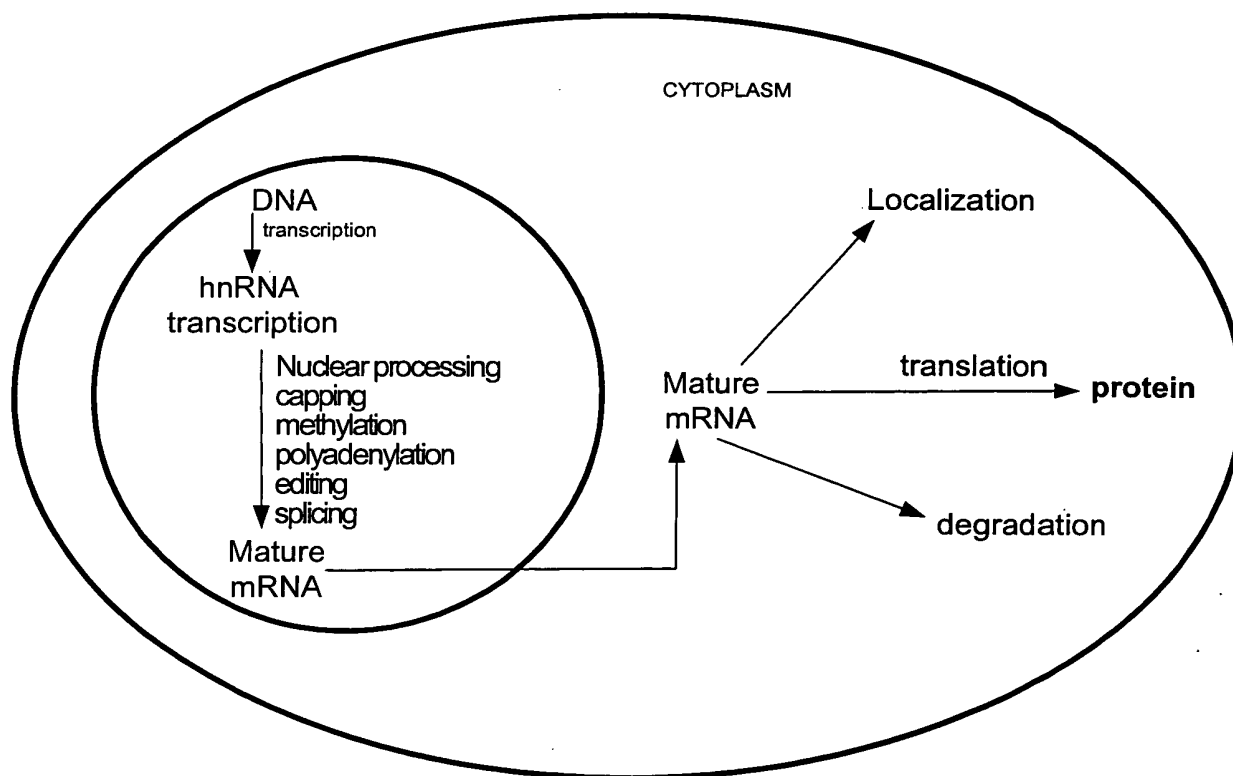


FIG. 14

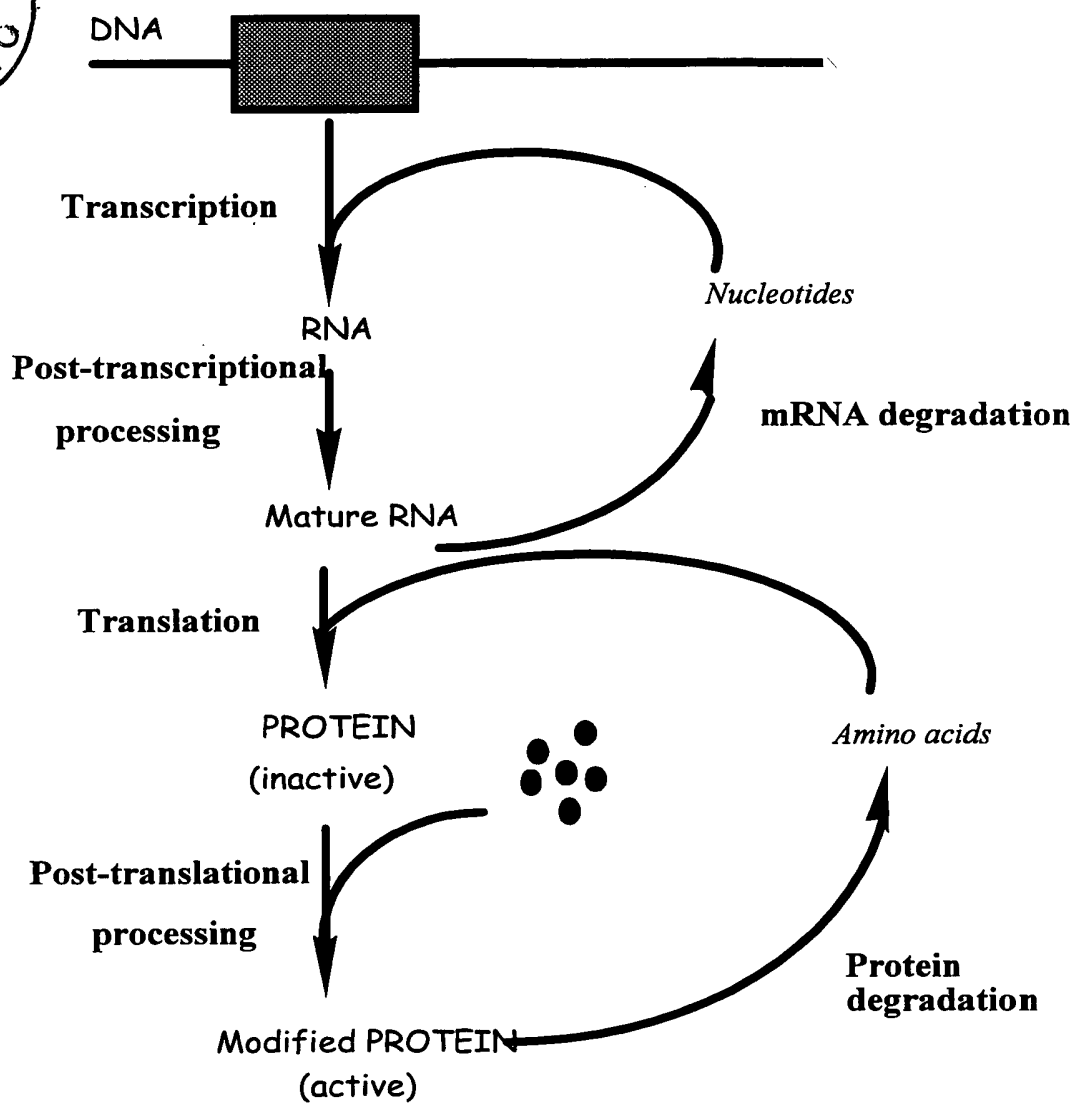
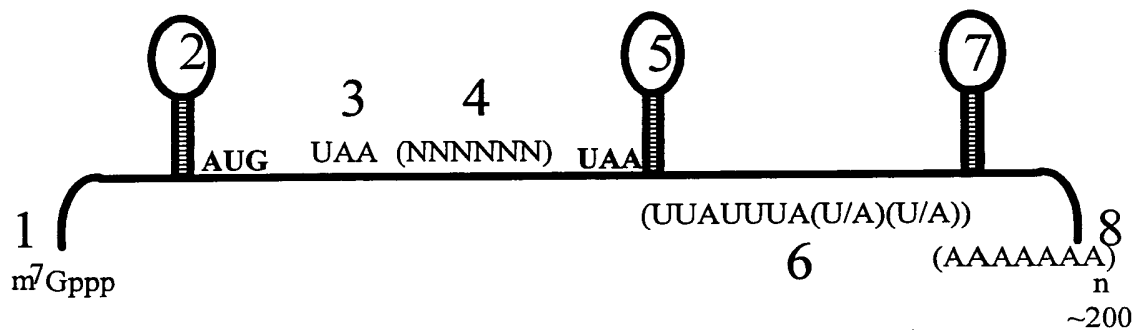


FIG. 13



- | | |
|--------------------------------|-------------------------|
| 1 5' cap | 5 3' UTR sequences |
| 2 5' UTR | 6 ARE sequences |
| 3 premature stop codons | 7 3' terminal stem loop |
| 4 open reading frame sequences | 8 poly(A) tail |

FIG. 15

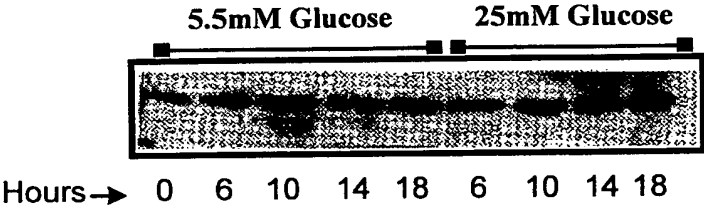
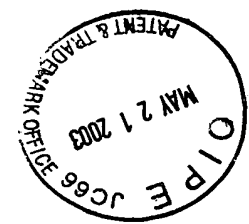


FIG. 16A

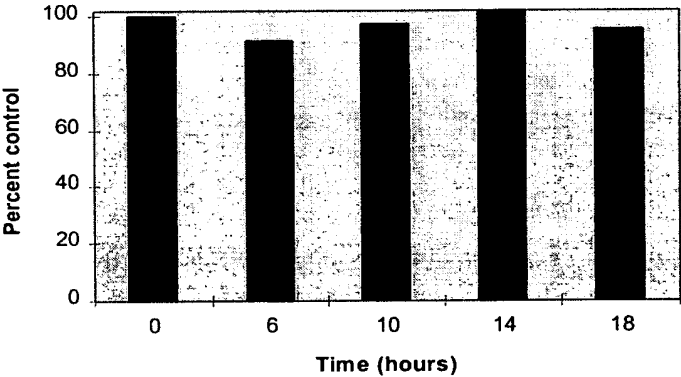


FIG. 16B

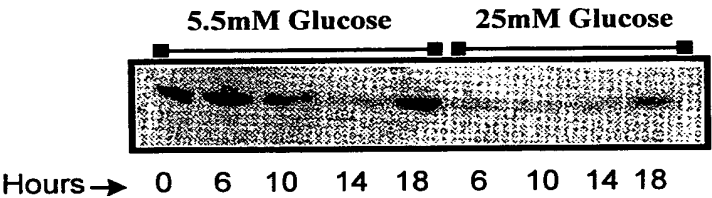


FIG. 17A

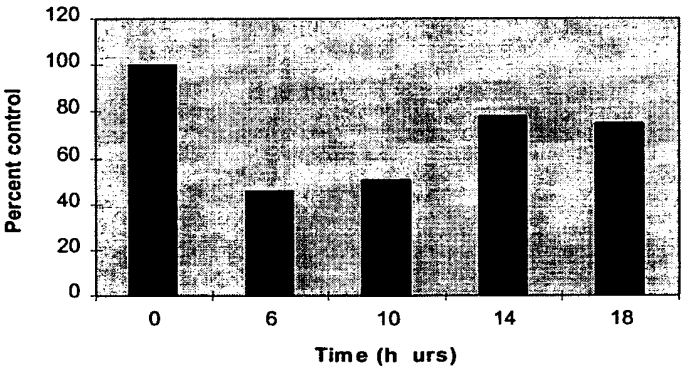


FIG. 17B

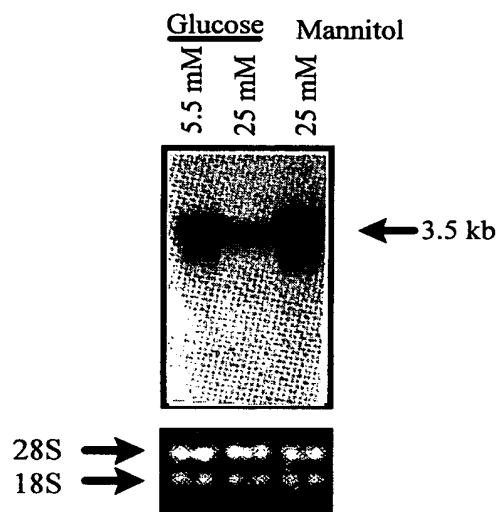
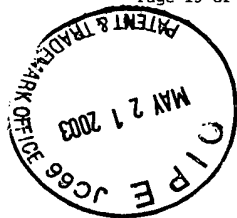


FIG. 18A

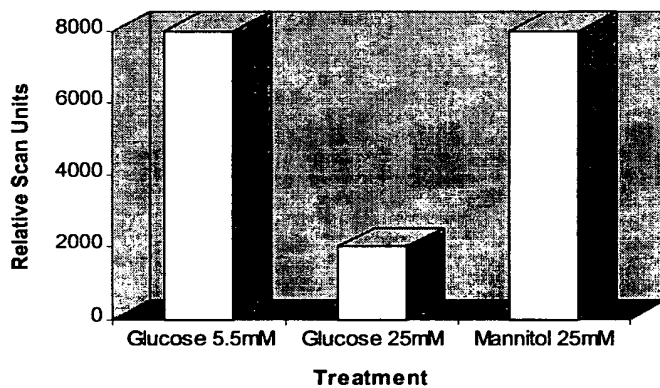


FIG. 18B

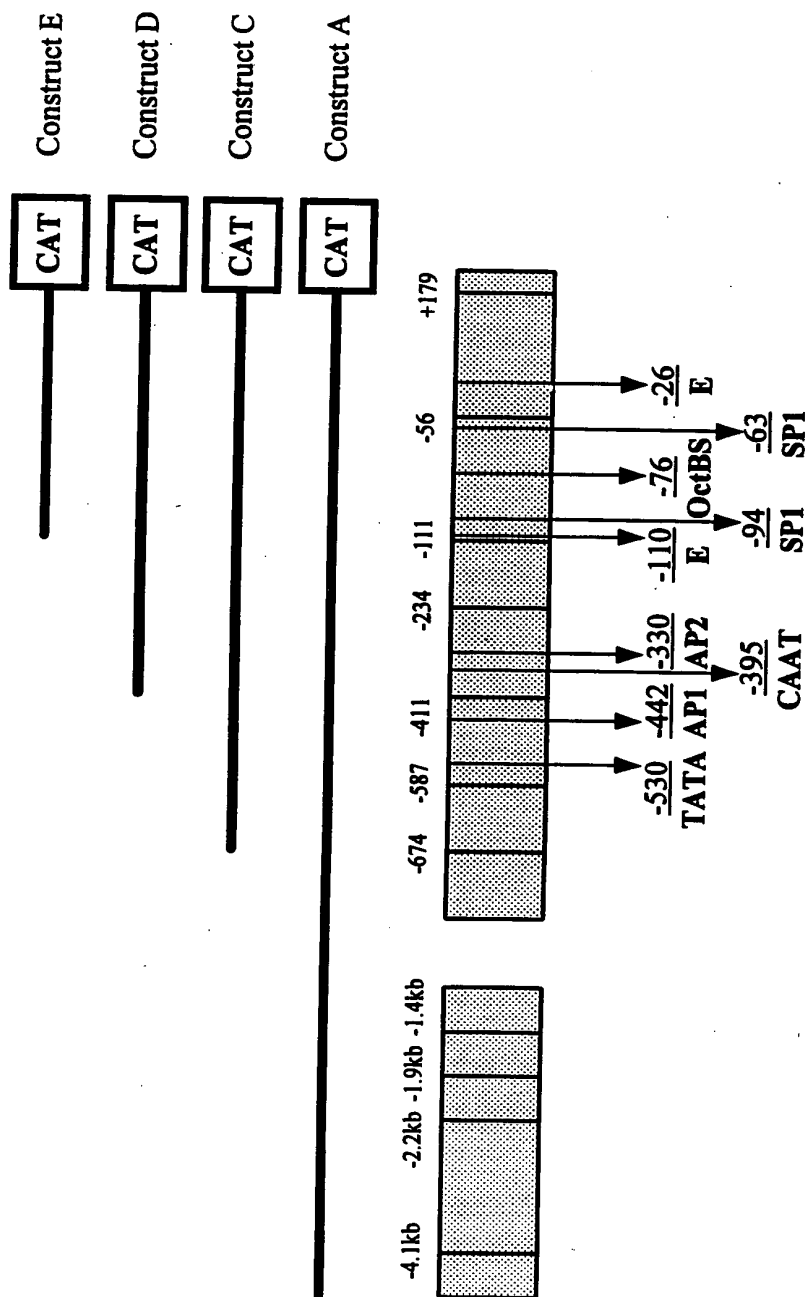


FIG. 19

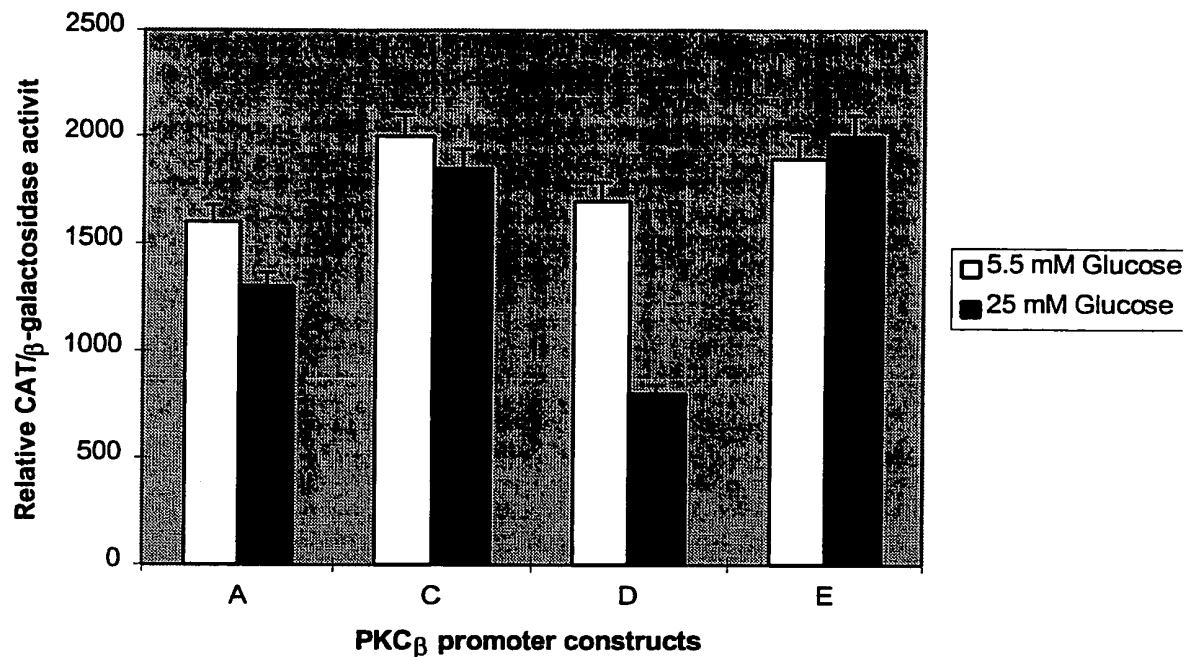
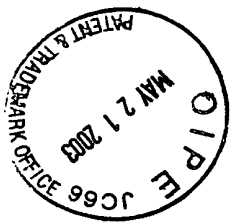
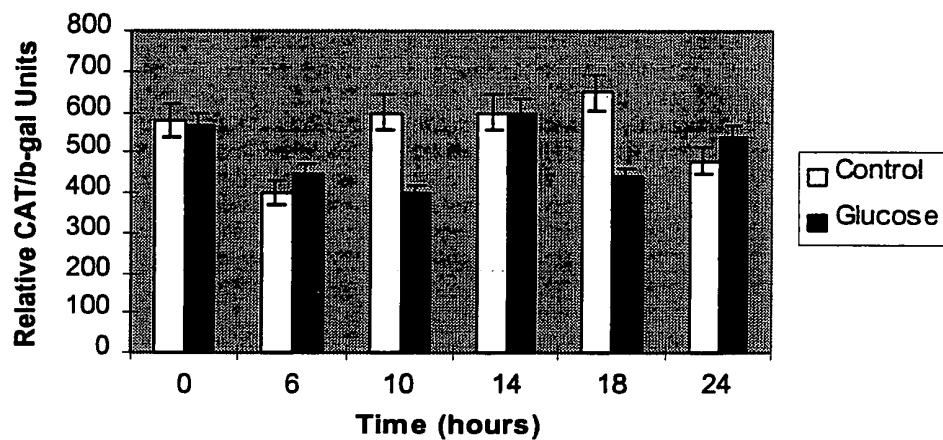
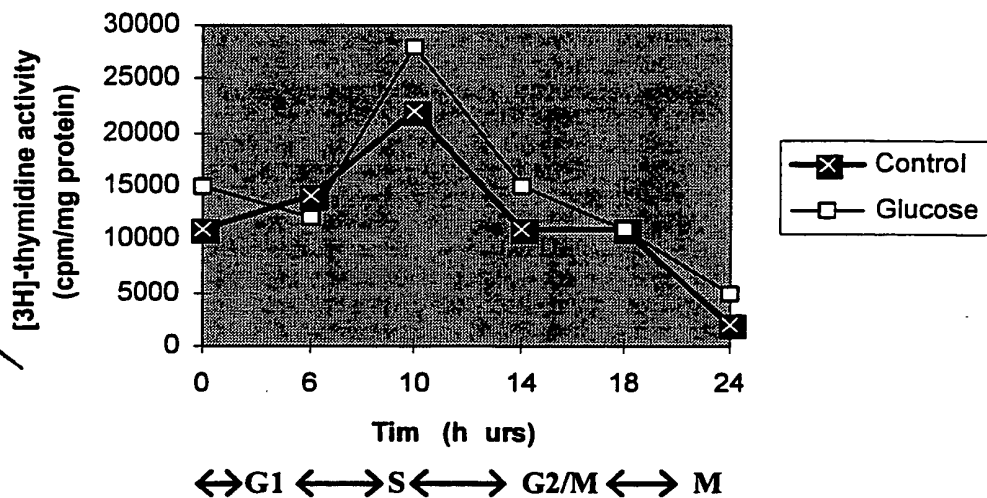


FIG. 20

FIG. 21



↔ G1 ↔ S ↔ G2/M ↔ M



↔ G1 ↔ S ↔ G2/M ↔ M

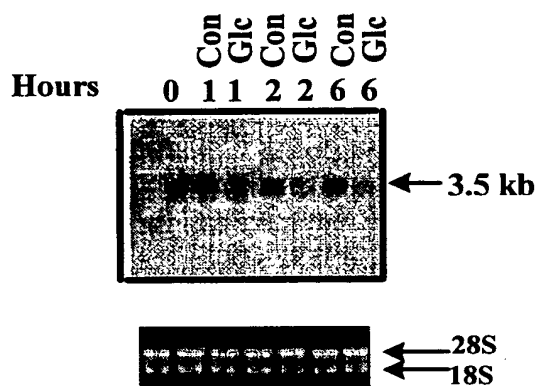


FIG. 22A

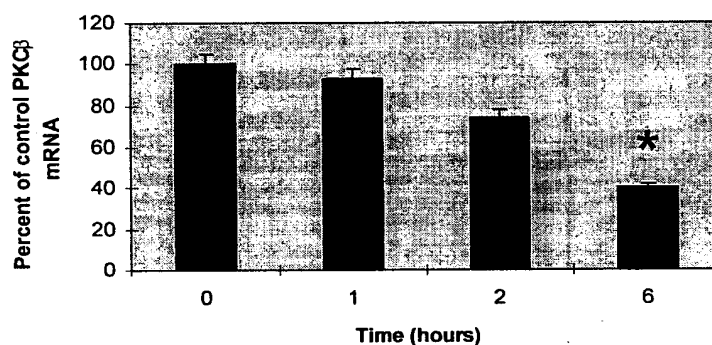


FIG. 22B

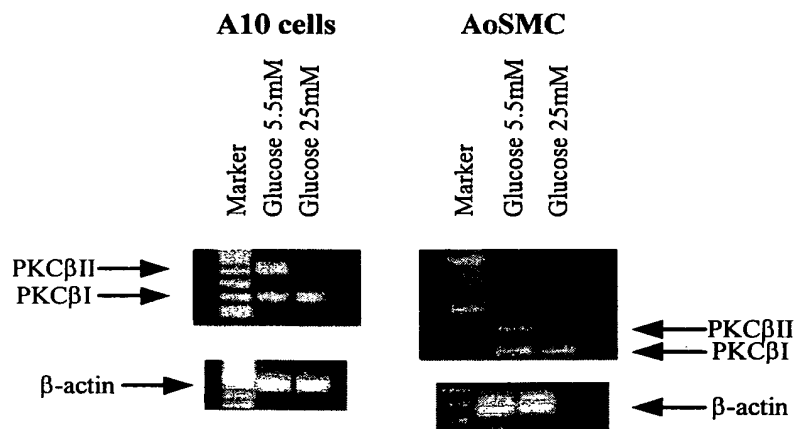


FIG. 26A FIG. 26B

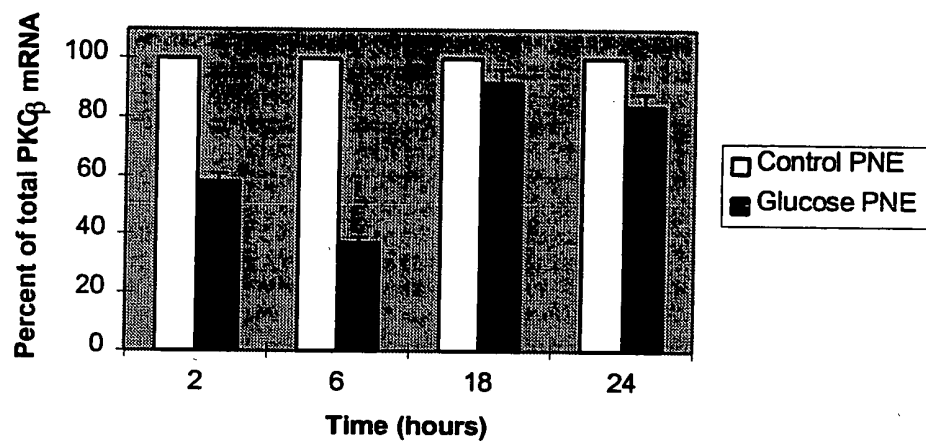
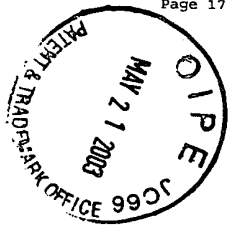


FIG. 23

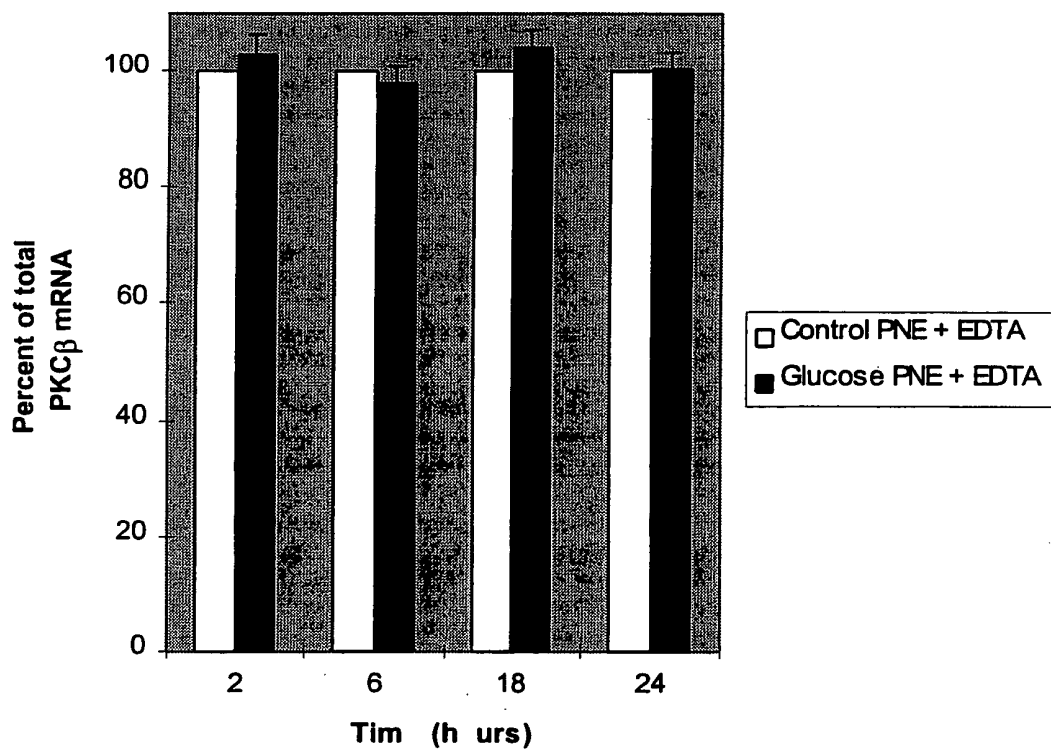


FIG. 24

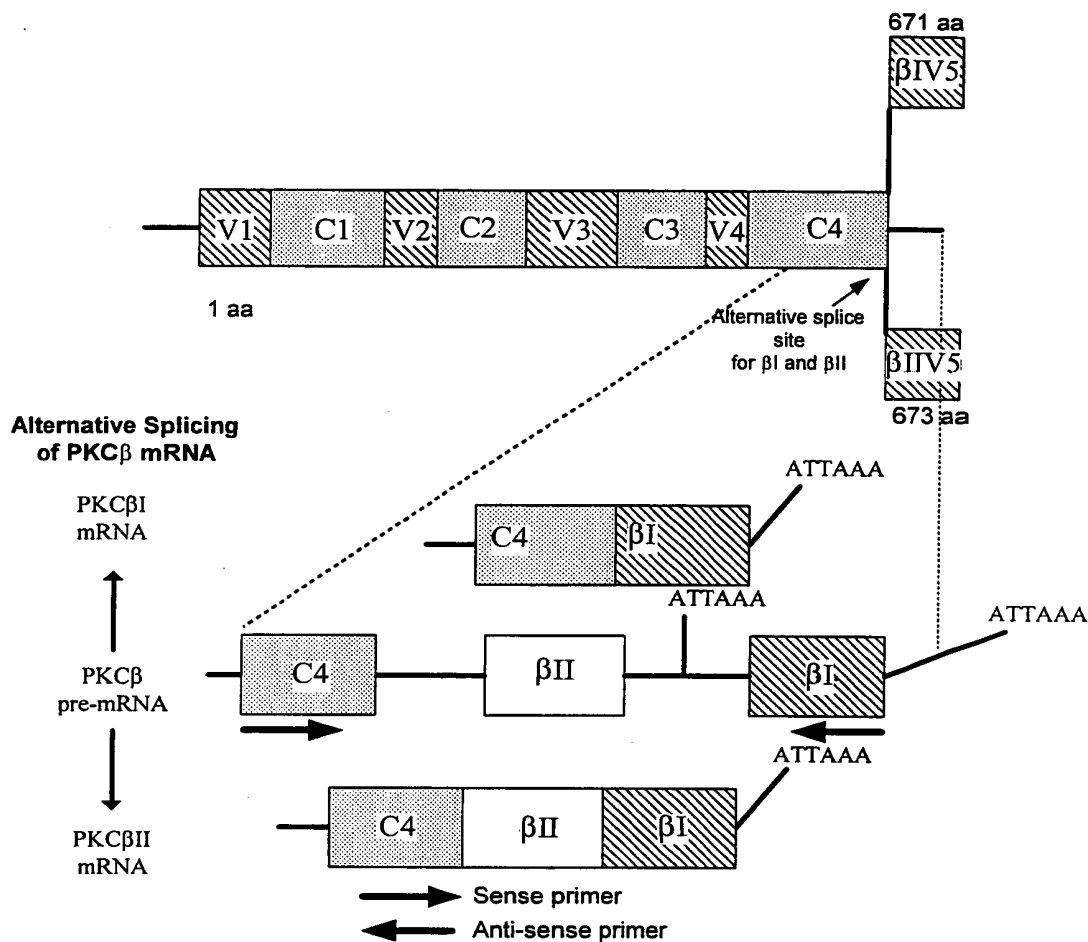


FIG. 25

5'TTTTAAACCAAAAGCTTTTGGGCGAAACGCTGAAACTTC
GACCGGTTTTTCACCCGCCATCCACCAGTCCTAACACCTCC
GACCAGGAAGTCATCAGGAATATTGACCAATCAGAATTTCGA
AGGATTTTCCTTTGTTAACTCTGAATTTTAAACCCGAAGTC
AAGAGCTAGTAGATCTGTAGACCTCCGTCCTTCATTCTGTCTC
ATTCAAGCTCACAGCTATCATGAGAGACAAGCGAGACACCT
CCAACTTCGACAAAAGTTACACCAGGCAGCCTGTGGAACTGA
CTCCCACTGACAACTCTGTCTGACTAGAATGCCCTGAATTC
TGCAGATATCCATCACACTGCG 3'

FIG. 27

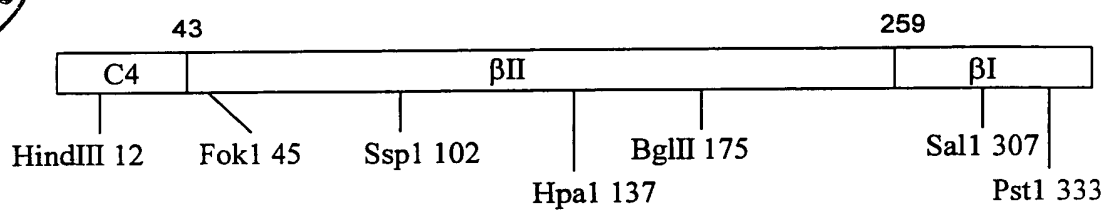


FIG. 28

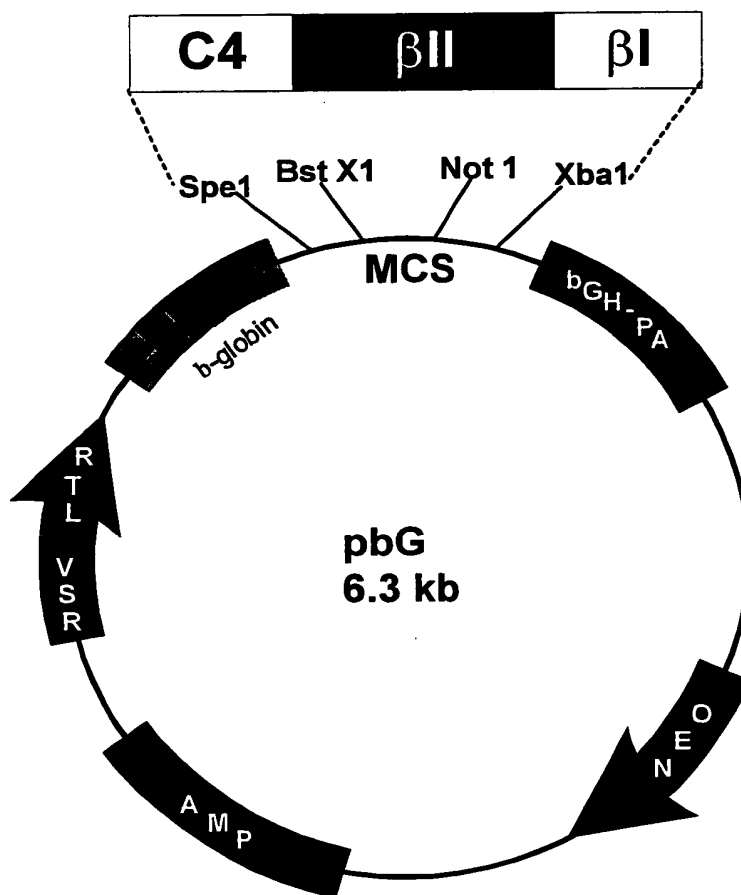


FIG. 34

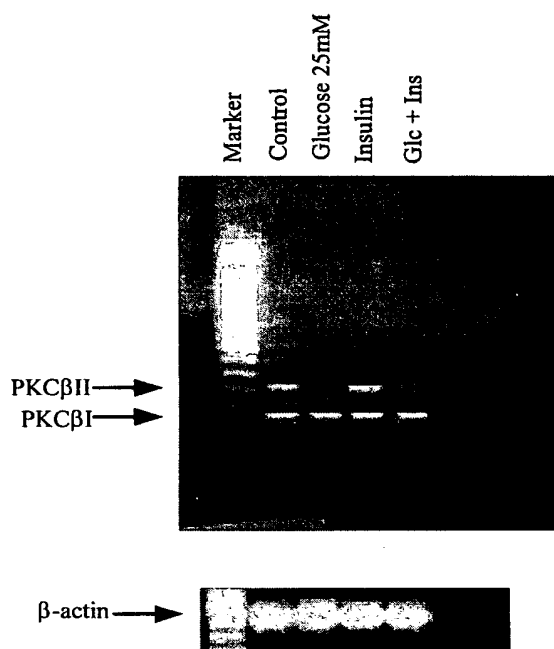


FIG. 29

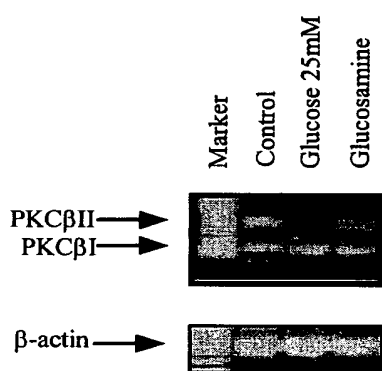


FIG. 30

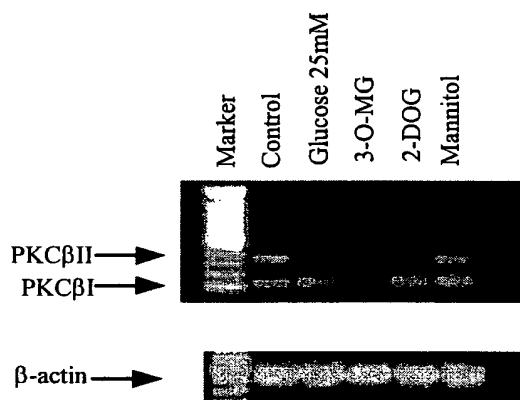


FIG. 31

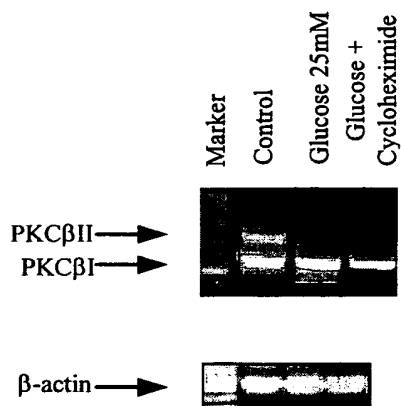


FIG. 32

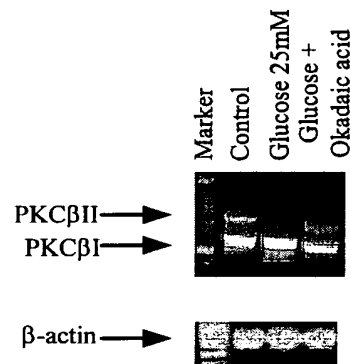


FIG. 33

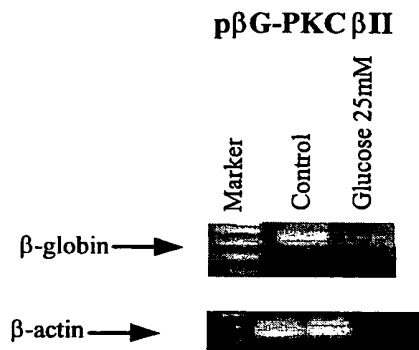
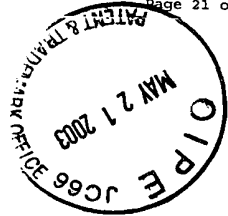


FIG. 35A

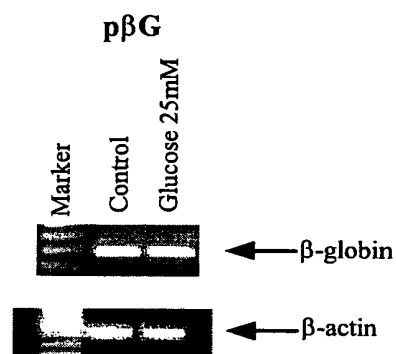


FIG. 35B

DRB	+	+	+	+	+	+	+	+
Glucose (25mM)	-	-	-	+	-	+	-	+
Time (hours)	6	0	1	1	2	2	6	6

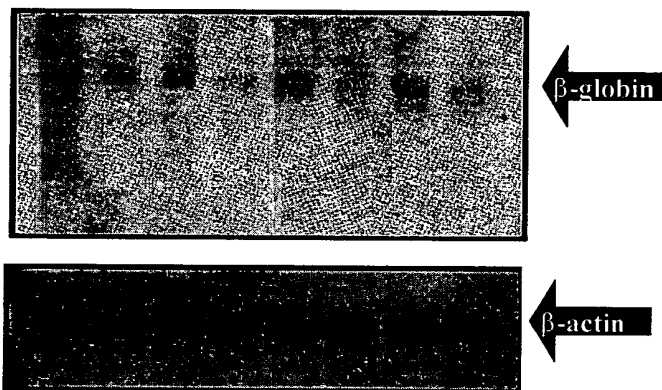


FIG. 36A

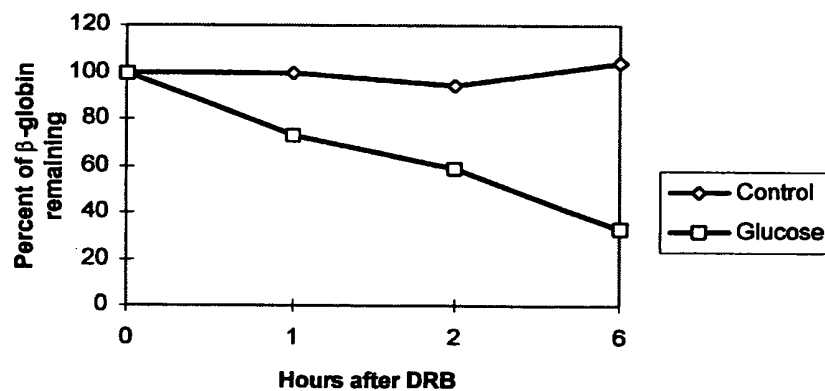


FIG. 36B

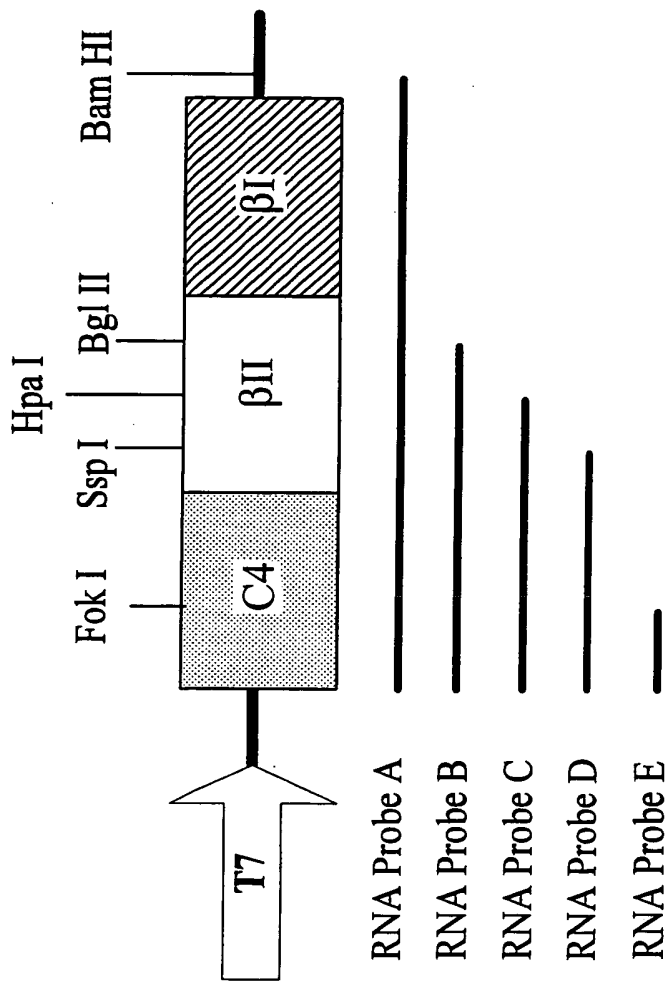


FIG. 37

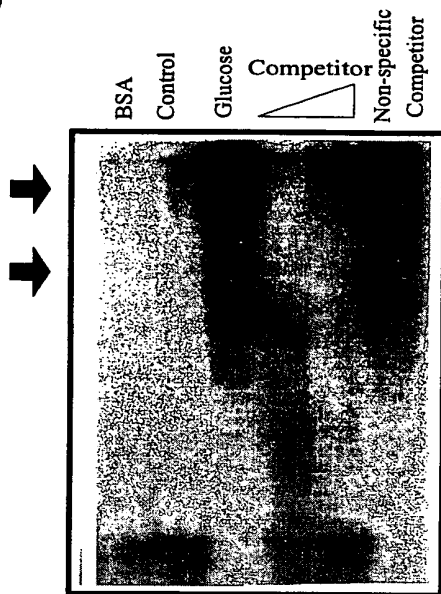


FIG. 38

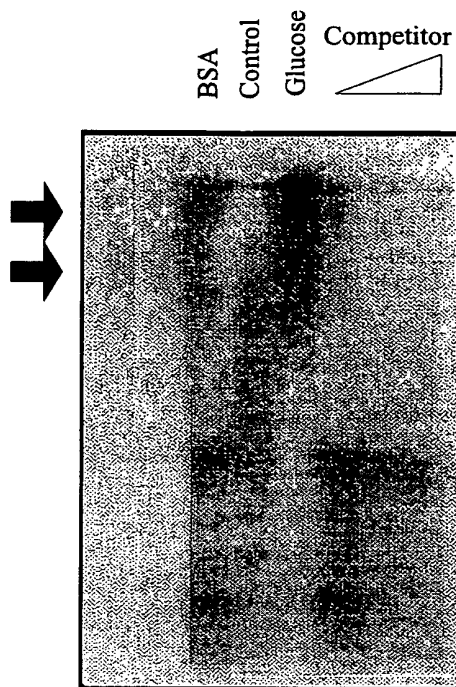


FIG. 39

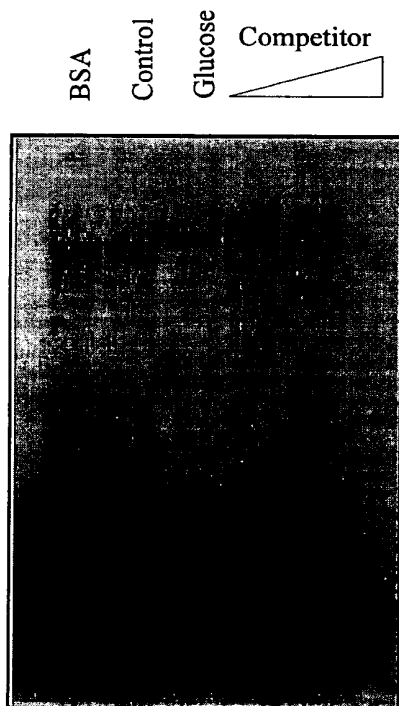


FIG. 40

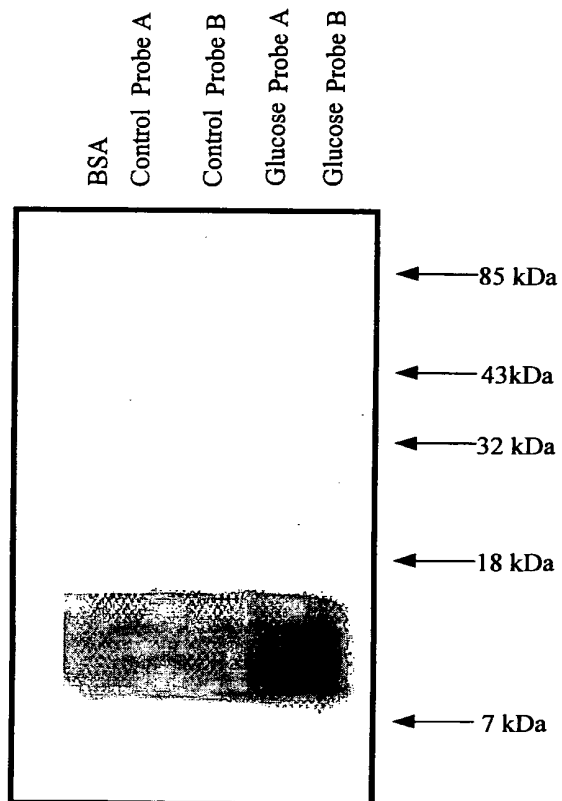


FIG. 41